

L Number	Hits	Search Text	DB	Time stamp
9	58	amine same dendrimeric	USPAT; US-PGPUB; DERWENT	2003/10/22 10:20
10	1398	Pamam or polyamidoamine	USPAT; US-PGPUB; DERWENT	2003/10/22 10:21
11	38	(Pamam or polyamidoamine) same (array or chip or microarray or support)	USPAT; US-PGPUB; DERWENT	2003/10/22 10:49
12	48	dendrimer near3 (array or chip or microarray or support)	USPAT; US-PGPUB; DERWENT	2003/10/22 11:37
13	73	"5175270" or "5484904" or "5487937"	USPAT; US-PGPUB; DERWENT	2003/10/22 11:38

ANSWER 20 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2000:351493 CAPLUS
 DOCUMENT NUMBER: 133:18014
 TITLE: Derivatization of support surfaces for binding
 biopolymers
 INVENTOR(S): Beier, Markus
 PATENT ASSIGNEE(S): Deutsches Krebsforschungszentrum Stiftung Des
 Offentlichen Rechts, Germany
 SOURCE: PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000029373	A2	20000525	WO 1999-DE3692	19991117
WO 2000029373	A3	20001228		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19853242	A1	20000525	DE 1998-19853242	19981118
EP 1131281	A2	20010912	EP 1999-962063	19991117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			DE 1998-19853242 A	19981118
			WO 1999-DE3692	W 19991117

AB A functional group is activated on the surface of a support, e.g., microscopic **glass slide** or polypropylene membrane, by reaction with an activating reagent and then reacted with an amine component. A support with a dendritic polymer structure on its surface and the use of such support for binding biopolymers are also claimed. For example, amino-functional **glass** substrates (**slides**) were treated in sequence with 4-O2NC6H4OCOC1 in CH2Cl2 in the presence of (Me2CH)2NEt, with tetraethylenepentamine in DMF, with 4-O2NC6H4OCOC1 as above and, finally with 1,4-bis(3-aminopropoxy)butane in DMF to give a title substrate.

(FILE 'HOME' ENTERED AT 12:53:43 ON 22 OCT 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:53:52 ON 22 OCT 2003

L1 4 S VERSATILE/TI AND COVALENT/TI
L2 2 DUP REM L1 (2 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 12:55:21 ON 22 OCT 2003

L3 0 S DENDRIMER? (P) (SUPPORT OR ARRAY OR CHIP OR MICROARRAY)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 12:56:40 ON 22 OCT 2003

L4 358 S DENDRIMER? (P) (SUPPORT OR ARRAY OR CHIP OR MICROARRAY)
L5 299 DUP REM L4 (59 DUPLICATES REMOVED)
L6 5 S L5 AND (SPOTT? OR MICROSPOTT?)
L7 5 DUP REM L6 (0 DUPLICATES REMOVED)
L8 55 S L5 AND PAMAM
L9 55 DUP REM L8 (0 DUPLICATES REMOVED)
L10 514 S DENDRIMER? AND (GLASS OR SILICA OR SLIDE)
L11 36 S L10 AND (DNA OR RNA OR NUCLEIC)
L12 27 DUP REM L11 (9 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 13:07:12 ON 22 OCT 2003

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